

Figure 1
Nucleotide sequence and translation of HCQAS17

1	GCACGAGGCCAAACAGATTTGCAGATCAAGGAGAACCCAGGAGTTTCAAAGAAGCGCTAG	60
61	TAAGGTCTCTGAGATCCTTGCACTAGCTACATCCTCAGGGTAGGAGGAAGATGGCTTCCA	120
1		M A S R 4
121	GAAGCATGCGGCTGCTCCTATTGCTGAGCTGCCTGGCCAAAACAGGAGTCCTGGGTGATA	180
5	S M R L L L L L S C L A K T G V L G D I	24
181	TCATCATGAGACCCAGCTGTGCTCCTGGATGGTTTTACCACAAGTCCAATTGCTATGGTT	240
25	I M R P S C A P G W F Y H K S N C Y G Y	44
241	ACTTCAGGAAGCTGAGGAACTGGTCTGATGCCGAGCTCGAGTGTCACTCTTACGGAAACG	300
45	F R K L R N W S D A E L E C Q S Y G N G	64
301	GAGCCACCTGGCATCTATCCTGAGTTTAAAGGAAGCCAGCACCATAGCAGAGTACATAA	360
65	A H L A S I L S L K E A S T I A E Y I S	84
361	GTGGCTATCAGAGAAGCCAGCCGATATGGATTGGCCTGCACGACCCACAGAAGAGGCAGC	420
85	G Y Q R S Q P I W I G L H D P Q K R Q Q	104
421	AGTGGCAGTGGATTGATGGGGCCATGTATCTGTACAGATCCTGGTCTGGCAAGTCCATGG	480
105	W Q W I D G A M Y L Y R S W S G K S M G	124
481	GTGGGAACAAGCACTGTGCTGAGATGAGCTCCAATAACAACTTTTTAACTTGGAGCAGCA	540
125	G N K H C A E M S S N N N F L T W S S N	144
541	ACGAATGCAACAAGCGCCAACACTTCCTGTGCAAGTACCGACCATAGAGCAAGAATCAAG	600
145	E C N K R Q H F L C K Y R P *	164
601	ATTCTGCTAACTCCTGCACAGCCCCGTCTCTCTTTCTGCTAGCCTGGCTAAATCTGC	660
661	TCATTATTTAGAGGGGAAACCTAGCAAACCTAAGAGTGATAAGGGCCCTACTACACTGGC	720
721	TTTTTTAGGCTTAGAGACAGAACTTTAGCATTGGCCCAGTAGTGGCTTCTAGCTCTAAA	780
781	TGTTTGCCCCGCCATCCCTTTCCACAGTATCCTTCTTCCCTCCTCCCTGTCTCTGGCTG	840

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FIGURE 1 1/2 1 of 2

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850 870 890
 841 TCTCGAGCAGTCTAGAAAGAGTGCATCTCCAGCCTATGAAACAGCTGGGTCTTTGGCCATA 900
 910 930 950
 901 AGAAGTAAAGATTTGAAGACAGAAGGAAGAACTCAGGAGTAAGCTTCTAGACCCCTTCA 960
 970 990 1010
 961 GCTTCTACACCCTTCTGCCCTCTCTCCATTGCCTGCACCCACCCAGCCACTCAACTCC 1020
 1030 1050 1070
 1021 TGCTTGTTTTCTTTGGCCATAGGAAGGTTTACCAGTAGAATCCTTGCTAGGTTGATGT 1080
 1090 1110
 1081 GGGCCATACATTCTTTAATAAACCATTGTGTAC 1114

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FIGURE 1 2/2

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